

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/551, 263
Source: IFWP
Date Processed by STIC: 02/08/2007

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 02/08/2007

PATENT APPLICATION: US/10/551,263

TIME: 11:53:22

Input Set : A:\PTO.SS.txt

Output Set: N:\CRF4\02082007\J551263.raw

```

2 <110> APPLICANT: JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE
3      KOWA COMPANY, LTD.
W--> 4 <120> TITLE OF INVENTION: SEB VARIANT AND MEDICAMENT FOR PREVENTING AND TREATING
IMMUNOPATHIES
W--> 5      CONTAINING THE SAME
W--> 6 <130> FILE REFERENCE: 664422
C--> 8 <140> CURRENT APPLICATION NUMBER: US/10/551,263
C--> 8 <141> CURRENT FILING DATE: 2005-09-28
8 <150> PRIOR APPLICATION NUMBER: JP 2003-91819
9 <151> PRIOR FILING DATE: 2003-03-28
11 <160> NUMBER OF SEQ ID NOS: 9
13 <210> SEQ ID NO: 1
14 <211> LENGTH: 239
15 <212> TYPE: PRT
16 <213> ORGANISM: Staphylococcus aureus
18 <400> SEQUENCE: 1
19 Glu Ser Gln Pro Asp Pro Lys Pro Asp Glu Leu His Lys Ser Ser Lys
20 1 5 10 15
21 Phe Thr Gly Leu Met Glu Asn Met Lys Val Leu Tyr Asp Asp Asn His
22 20 25 30
23 Val Ser Ala Ile Asn Val Lys Ser Ile Asp Gln Phe Leu Tyr Phe Asp
24 35 40 45
25 Leu Ile Tyr Ser Ile Lys Asp Thr Lys Leu Gly Asn Tyr Asp Asn Val
26 50 55 60
27 Arg Val Glu Phe Lys Asn Lys Asp Leu Ala Asp Lys Tyr Lys Asp Lys
28 65 70 75 80
29 Tyr Val Asp Val Phe Gly Ala Asn Tyr Tyr Tyr Gln Cys Tyr Phe Ser
30 85 90 95
31 Lys Lys Thr Asn Asp Ile Asn Ser His Gln Thr Asp Lys Arg Lys Thr
32 100 105 110
33 Cys Met Tyr Gly Gly Val Thr Glu His Asn Ala Asn Gln Leu Asp Lys
34 115 120 125
35 Tyr Arg Ser Ile Thr Val Arg Val Phe Glu Asp Gly Lys Asn Leu Leu
36 130 135 140
37 Ser Phe Asp Val Gln Thr Asn Lys Lys Lys Val Thr Ala Gln Glu Leu
38 145 150 155 160
39 Asp Tyr Leu Thr Arg His Tyr Leu Val Lys Asn Lys Lys Leu Tyr Glu
40 165 170 175
41 Phe Asn Asn Ser Pro Tyr Glu Thr Gly Tyr Ile Lys Phe Ile Glu Asn
42 180 185 190
43 Glu Asn Ser Phe Trp Tyr Asp Met Met Pro Ala Pro Gly Asp Lys Phe
44 195 200 205
45 Asp Gln Ser Lys Tyr Leu Met Met Tyr Asn Asp Asn Lys Met Val Asp
46 210 215 220

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47 Ser Lys Asp Val Lys Ile Glu Val Tyr Leu Thr Thr Lys Lys Lys
48 225                230                235
51 <210> SEQ ID NO: 2
52 <211> LENGTH: 4
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Modified sequence at residues No. 226 to No. 229 in SEB
59 <400> SEQUENCE: 2
60 Leu Phe Ala Ala
61 1 4
64 <210> SEQ ID NO: 3
65 <211> LENGTH: 4
66 <212> TYPE: PRT
67 <213> ORGANISM: Artificial
69 <220> FEATURE:
70 <223> OTHER INFORMATION: Modified sequence at residues No. 226 to No. 229 in SEB
72 <400> SEQUENCE: 3
73 Ala Thr Thr Gln
74 1 4
77 <210> SEQ ID NO: 4
78 <211> LENGTH: 4
79 <212> TYPE: PRT
80 <213> ORGANISM: Artificial
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Modified sequence at residues No. 226 to No. 229 in SEB
85 <400> SEQUENCE: 4
86 Lys Arg Ile Ile
87 1 4
90 <210> SEQ ID NO: 5
91 <211> LENGTH: 10
92 <212> TYPE: PRT
93 <213> ORGANISM: Artificial
95 <220> FEATURE:
96 <223> OTHER INFORMATION: Epitope region of N23Y SEB variant
98 <400> SEQUENCE: 5
99 Ser Lys Asp Val Lys Ile Glu Val Tyr Leu
100 1 5 10
103 <210> SEQ ID NO: 6
104 <211> LENGTH: 10
105 <212> TYPE: PRT
106 <213> ORGANISM: Artificial
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Epitope region of 42-C2 SEB variant including modified
sequence at
110 residues No. 226 to No. 229
112 <400> SEQUENCE: 6
113 Ser Leu Phe Ala Ala Ile Glu Val Tyr Leu
114 1 5 10
117 <210> SEQ ID NO: 7

```

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```

118 <211> LENGTH: 10
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Epitope region of 42-C7 SEB variant including modified
sequence at
124     residues No. 226 to No. 229
126 <400> SEQUENCE: 7
127 Ser Ala Thr Thr Gln Ile Glu Val Tyr Leu
128   1             5             10
131 <210> SEQ ID NO: 8
132 <211> LENGTH: 10
133 <212> TYPE: PRT
134 <213> ORGANISM: Artificial
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Epitope region of 4-C1 SEB variant including modified
sequence at residues
138     No. 226 to No. 229
140 <400> SEQUENCE: 8
141 Ser Lys Arg Ile Ile Ile Glu Val Tyr Leu
142   1             5             10
145 <210> SEQ ID NO: 9
146 <211> LENGTH: 10
147 <212> TYPE: PRT
148 <213> ORGANISM: Artificial
150 <220> FEATURE:
151 <223> OTHER INFORMATION: Epitope region of 48-C4 SEB variant including modified
sequence at
152     residues No. 226 to No. 229
154 <400> SEQUENCE: 9
155 Ser Pro Gln Pro Asp Ile Glu Val Tyr Leu
156   1             5             10

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/551,263

DATE: 02/08/2007
TIME: 11:53:23

Input Set : A:\PTO.SS.txt
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Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:8; Line(s) 137

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2,3,4,5,6,7,8,9

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/551,263

DATE: 02/08/2007

TIME: 11:53:23

Input Set : A:\PTO.SS.txt

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L:4 M:283 W: Missing Blank Line separator, <120> field identifier

L:6 M:283 W: Missing Blank Line separator, <130> field identifier

L:8 M:270 C: Current Application Number differs, Replaced Current Application No

L:8 M:271 C: Current Filing Date differs, Replaced Current Filing Date